

**Food & Nutrition**  
**Foods Department E, Division 350, 401, 407, 410, 411, 412**  
**Superintendents Joei Cullan & Ali Kaman**

The purpose of Food & Nutrition exhibits is to encourage knowledge about healthy eating and safe cooking practices. This category has multiple projects that allow 4-H'ers to progress over numerous years. In addition, 4-H'ers will learn different types of cooking methods to improve their knowledge of cuisine. For more resources and materials in this category refer to the resource section at the bottom of the page.

1. All static exhibits must have received a purple ribbon at the county fair to advance to the State Fair.

2. **General** - Members may exhibit only in the project in which enrolled. Baked products entered in the county fair cannot be entered at State Fair – products should be baked the day before entry day or as designated by county.

3. **Supporting Information:** Each exhibit must include the recipe. Recipe may be handwritten, photocopied, or typed. Place food on the appropriately sized plate or container and put it in self-sealing bag. Attach entry tag and recipe at the corner of the bag. For non-food entries, please attach the entry tag to the upper right-hand corner of the entry. Additional information including recipes and supplemental information should be identified with 4-H'ers name and county.

4. **Criteria for Judging:** Exhibits will be judged according to score sheets available at your local Extension office or at <https://go.unl.edu/ne4hfood-nutrition>. Make sure to follow all entry instructions required for your exhibit. Incomplete exhibits will be lowered a ribbon placing. Commercially prepared mixes are ONLY allowed in Cooking 201 Creative Mix Class. Prepared baking mixes, biscuit mixes, commercially prepared seasoning mixes for food preservation and other pre-made mixes entered in other categories will be lowered a ribbon placing.

5. **Food Projects:** Exhibits should be entered using a disposable pan or plate and covered by a plastic, self-sealing bag. The State Fair is not responsible for non-disposable containers, lost bread boards, China, or glassware.

6. **Ingredients:** Any ingredient that the 4-H'er uses must be able to be purchased by the 4-H'er. Ingredients such as beer, whiskey, rum, etc. may NOT be used in any recipe file or food exhibit. Exhibits that include alcohol will be disqualified.

6. **Food Safety:** Exhibits are on display for several days. Please think about FOOD SAFETY! Items that require refrigeration will not be accepted, judged, or displayed as exhibits must be safe to eat when entered, whether they are tasted or not. Glazes, frostings, and other sugar-based toppings are considered safe due to their high sugar content. Egg glazes on yeast breads and pie crusts BEFORE baking are acceptable. Eggs incorporated into baked goods and crusts are considered safe. The following food ingredients are considered unsafe for fair exhibits and will be disqualified:

- Egg or cream fillings and cream cheese frostings
- Any meat item including meat jerky, imitation meat bits (bacon bits, pepperoni, etc.)
- Melted cheese on top of food exhibit (cheese mixed into baked goods is considered safe and will be accepted)
- Uncooked fruit toppings (i.e., fresh fruit tart)

7. **Scoresheets, Forms, and Contest Study Materials:** Scoresheets, forms, contest study materials, and additional resources can be found at <https://go.unl.edu/ne4hfood-nutrition>.

**Division 350 – General Foods**

E350001\* **Food Science Exploration** (SF152) - Show the connection between food and science as it relates to food preparation, food safety, food preservation, or food production. Exhibit may be a poster or foam core board (not to exceed 22" x 30"), computer-based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, a written report in a portfolio or notebook. Consider neatness and creativity.

E350002\* **Foods and Nutrition Poster, Scrapbook, or Photo Display** (SF122) - The project should involve a nutrition or food preparation technique or explore a career related to the food industry (caterer, restaurant owner, food scientist, registered dietitian, etc.). This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22 inches by 30 inches), a computer-based presentation printed off with notes pages (if needed) and

displayed in a binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity.

E350003\* **Physical Activity and Health Poster, Scrapbook, or Photo Display** (SF122) - The project should involve a physical activity or explore a career-related to physical activity or health (personal trainer, sports coach, physical therapist, etc.). This might contain pictures, captions and/or a report to highlight the concept. Exhibit may be a poster or a foam core board (not to exceed 22 inches by 30 inches), a computer-based presentation printed off with notes pages, if needed, and displayed in a binder, an exhibit display, or a written report in a portfolio or notebook. Consider neatness and creativity.

E35004 \* **Cooking Basics Recipe File** (SF251) - A collection of 10 recipes from any source. Each recipe must accompany a complete menu in which the recipe is used. An additional 10 recipes may be added each year the 4-H'er is in the project, with year clearly marked on recipes. Display in a recipe file or binder. Be sure to include the number of servings or yield of each recipe. This may be a continued recipe file project from the previously used 4-H curriculum before 2018. Exhibits that include recipes with alcohol (wine, beer, rum, etc.) will be disqualified.

## DIVISION 401 – COOKING 101 (County Only Project)

E401901 **BAKED COOKIES** - any recipe - 4 on a small paper plate.

E401902 **MUFFINS** – any recipe - 4 on a small paper plate 3

E401903 **NO BAKE COOKIE** - any recipe - 4 on a small paper plate

E401904 **CEREAL BAR COOKIE** – any cereal-based recipe, made in pan and cut into bars or squares for serving, 4 on a small paper plate.

E401905 **GRANOLA BAR** - any recipe - 4 on a small paper plate

E401906 **BROWNIES** – any recipe - 4 on a small paper plate

E401907 **HEALTHY SNACK or MIX** - any recipe, 4 cookies, bars, muffins, etc., on a small paper plate or at least 1 cup of mix in a self-sealing bag (examples might include: granola bars, homemade crackers, or chips). Supporting information to include recipe and snack menu, and why this snack menu might be considered a healthy snack.

E401908 **FOOD FLOP** - Open to any 4-H member enrolled in any Foods and Nutrition project. The purpose of this entry is to write about your experience of making a food exhibit for the fair when the result ended in total disaster.

Your entry needs to include:

1) name,

2) one page story on 8 ½” x 11” paper telling about your experience, what you learned from it, and what you would do next time to get a better result. Include in your story what project you are taking, and what the original entry was, and

3) a sample of the 'Food Flop'.

## Division 410-Cooking 201

E410001\* **Loaf Quick Bread** (SF123) - any recipe, at least ¾ of a standard loaf displayed on a paper plate. Quick bread is any bread that does not require kneading or rising time and does NOT include yeast. A standard quick bread loaf measure approximately

8 -½ inches x 4- ½ inches or 9 inches x 5 inches. If mini-loaf pans are used for exhibit, two loaves must be presented for judging.

E410002\* **Creative Mixes** (SF142) - any recipe, at least ¾ of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked items made from a mix (commercial or homemade mixes acceptable). Food products must have been modified to make a new or different baked item.

Examples include poppy seed quick bread from a cake mix, cake mix cookies, sweet rolls made from readymade bread dough, monkey bread from biscuit dough, streusel coffee cake from a cake mix, etc. Write what you learned about making this product using a mix instead of a homemade recipe or recipe "from scratch." Does it make it better or easier to use a convenience product or mix? Why or why not?

- E410003\* **Biscuits or Scones** (SF136) - four biscuits or scones on a small paper plate. This may be any type of biscuit or scone: rolled or dropped. Any recipe may be used, but it must be a non-yeast product baked from scratch.
- E410004\* **Healthy Baked Product** (SF124) - any recipe, at least 3/4 of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. Recipe must contain a fruit or vegetable as part of the ingredients (Ex. banana bars, cantaloupe quick bread, zucchini muffins, etc.).
- E410005\* **Coffee Cake** (SF129) - any recipe or shape, non-yeast product - at least 3/4 of baked product on a paper plate or in a disposable pan. Include a menu for a complete meal where this recipe is served, following meal planning guidelines suggested in Cooking 201.
- E410006\* **Baking with Whole Grains** (SF134) - any recipe, at least ¾ of baked product or 4 muffins/cookies on a paper plate or in a disposable pan. The recipe must contain whole grains as part of the ingredients. (Ex. whole wheat applesauce bread, peanut butter oatmeal cookies, etc.)
- E410007\* **Non-Traditional Baked Product** (SF133) - exhibit must include a food product prepared using a non-traditional method (i.e., bread machine, cake baked in an air fryer, baked item made in microwave, etc.) Entry must be at least ¾ baked product, or 4 muffins or cookies on a paper plate or in a disposable pan. Entry must include supporting information that discusses alternative preparation methods and how they compare with traditional methods.

## Division 411 - Cooking 301

Any bread item prepared or baked using a bread machine should be entered under the Cooking 201, Non-Traditional Baked Product. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

- E411001\* **White Bread** (SF138) - any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate.
- E411002\* **Whole Wheat or Mixed Grain Bread** (SF138) - any yeast recipe, at least 3/4 of a standard loaf displayed on a paper plate.
- E411003\* **Specialty Rolls** (SF138) - any yeast recipe, 4 rolls on a paper plate. May be sweet rolls, English muffins, kolaches, bagels, or any other similar recipe that makes individual portions.
- E411004\* **Dinner Rolls** (SF138) - any yeast recipe, 4 rolls on a paper plate. May be cloverleaf, crescent, knot, bun, bread sticks, or any other type of dinner roll.
- E411005\* **Specialty Bread** (SF141) - any yeast recipe, includes tea rings, braids, or any other full-sized specialty bread products. Must exhibit at least ¾ of a full-sized baked product.
- E411006\* **Shortened Cake** (SF137) - Must exhibit at least ¾ of the cake (recipe must not be from a cake mix). Shortened cakes use fat for flavor and texture and recipes usually begin by beating fat with sugar by creaming and include leavening agents in the recipe. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).

## Division 412 - Cooking 401

Any bread item prepared or baked using a bread machine should be entered under Cooking 201. All exhibits made in the Cooking 301 or Cooking 401 projects must have been prepared without the assistance of a bread machine for mixing, raising, or baking of the food item.

- E412001\* **Double Crust Fruit Pie** (SF144) - made with homemade fruit filling. No egg pastries or cream fillings. No canned fillings or premade pie crusts. May be a double crust, crumb, cut-out, or lattice topping. Using an 8- or 9-inch disposable pie pan is recommended.
- E412002\* **Family Food Traditions** (SF145) - any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate. May be baked in a disposable pan. Any baked item associated with family tradition

and heritage. Entry must include (A) recipe, (B) tradition or heritage associated with preparing, serving the food, (C) where or who the traditional recipe came from.

- E412003\* **Ethnic Food Exhibit** (SF146) - any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. The name of the country, culture or region should be included as part of the supporting information with the recipe, as well as background information about the country or culture the food item is representing.
- E412004\* **Candy** (SF147) - any recipe, 4 pieces of candy on a paper plate or ½ cup. No items containing cream cheese will be accepted (Example: cream cheese mints). Candy may be cooked or no cook; dipped, molded, made in the microwave or other methods of candy preparation. Recipe must be included.
- E412005\* **Foam Cake** (SF138) - original recipe (no mixes) of at least ¾ of the cake. Foam cakes are cakes that have a high ratio of eggs to flour and fall into three categories: angel food cakes or meringues; sponge or jelly roll cakes; and chiffon cakes. Cake may be frosted with a non-perishable frosting (no cream cheese or egg white based frostings allowed).
- E412006\* **Specialty Pastry** (SF143) - any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Baked items such as pie tarts, puff pastry, phyllo doughs, biscotti, choux, croissants, Danish, strudels. Phyllo dough may be pre-made or from scratch. Pastries made with cream or egg-based fillings will be disqualified.

### Division 407- Food Preservation

**1. Processing Methods:** Current USDA processing methods and altitude adjustments must be followed for all food preservation. Jam preserves and marmalades, fruit, tomatoes and pickled products must be processed in a boiling water bath. Tomatoes may be processed in a pressure canner. All non-acid vegetables and meats must be processed in a pressure canner. Improperly canned or potentially hazardous food items will be disqualified. Spoiled or unsealed containers disqualifies entry.

**2. Jars and Lids:** Do not need to be the same brand. Half pint jars may be used for jellies and preserves. The jars are not to be decorated by the exhibitor in any way. Canning jars must be used - others will be disqualified. No one-fourth pint jars allowed. Leave jar rings on for fair display, it helps protect the seal. Two-piece lids consisting of a flat metal disk and a ring should be used. No zinc lids or one-piece lids.

**3. Current Project:** Exhibits must have been preserved since the member's previous year's county fair, and not been exhibited at the previous State Fair.

**4. Criteria for Judging:** Exhibits will be judged according to score sheets available at your local Extension office or the State Fair book at <https://4hfairbook.unl.edu/fairbookview.php/rules>. Incomplete exhibits will be lowered a ribbon class. Canned food items not processed according to altitude in the county will be lowered by one class ribbon. Check with your local extension office or this site <https://food.unl.edu/canning#elevation> for your county's altitude and how that affects food processing times and pounds of pressure.**5. Labeling:** Jars should be labeled with the name of the food item, name of

the 4-H'er, county, and date of processing on the bottom of each jar. Exhibits containing multiple jars such as a "3 jar exhibit" should be placed in a container to keep jars together. Each bag containing dried foods should also be labeled with the name of the food item, the name of the 4-H'er, county and drying date. Multiple dried food exhibits should be secured by a rubber band or "twisty" to keep exhibit containing the 3 self-sealing bags together.

**6. Recipe/Supporting Information:** Recipe must be included, and may be handwritten, photocopied, or typed. Commercially prepared seasoning mixes are not allowed. Current USDA guidelines for food preservation methods MUST be followed. Suggested sources of recipes include 4-H Food Preservation Manuals (Freezing, Drying, Boiling Water Bath Canning, pressure Canning)

- USDA Guide to Home Canning [https://nchfp.uga.edu/publications/publications\\_usda.html](https://nchfp.uga.edu/publications/publications_usda.html)
- Nebraska Extension's Food Website <https://food.unl.edu/food-preservation> or Extension publications from other states
- Ball Blue Book (published after 2009)

**7. All exhibits** must include the 4-H Food Preservation Card attached to the project as the required supporting information or include following information with exhibit:

1. Name of product

2. Date preserved.
3. Method of preservation (pressure canner, water bath canner or dried)
4. Type of pack (raw pack or hot pack)
5. Altitude (and altitude adjustment, if needed)
6. Processing time
7. Number of pounds of pressure (if pressure canner used)
8. Drying method and drying time (for dried food exhibits)
9. Recipe and source of recipe (if a publication, include name and date)

### **Division 407 -UNIT 1 FREEZING PROJECT MANUAL**

- E406001\* **Baked Item made with Frozen Produce** (SF155) - any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a food item preserved by the freezing method done by the 4-H'er. Ex. Peach pie, blueberry muffins, zucchini bread, etc. Supporting information must include both the recipe for the produce that was frozen as part of this project AND the baked food item.

### **UNIT 2 DRYING PROJECT MANUAL**

- E407001\* **Dried Fruits** (SF154) - exhibit 3 different examples of 3 different dried fruits. Place each dried fruit food (6-10 pieces of fruit, minimum 1/4 cup) in separate self-sealing bags. Use a rubber band or "twisty" to keep the exhibit together.
- E407002\* **Fruit Leather** (SF154) - exhibit 3 different examples of 3 different fruit leathers. Place a 3–4-inch sample of each fruit together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.
- E407003\* **Vegetable Leather** (SF154) - exhibit 3 different examples of 3 different vegetable or vegetable/fruit leather combo. Place a 3–4-inch sample of each leather together in separate self-sealing bags. Use a rubber band or "twisty" to keep exhibit together.
- E407004\* **Dried Vegetables** (SF149) - exhibit 3 different samples of 3 different dried vegetables. Place each food (1/4 cup of each vegetable) in a separate self-sealing bag. Use a rubber band or "twisty" to keep the exhibit together.
- E407005\* **Dried Herbs** (SF149) - exhibit 3 different samples of 3 different dried herbs. Place each food (1/4 cup of each herb) in a separate self-sealing bag. Use a rubber band or "twisty" to keep the exhibit together.
- E407006\* **Baked Item made with Dried Produce/Herbs** (SF156) - any recipe, at least 3/4 of baked product or 4 muffins or cookies on a paper plate or in a disposable pan. Recipe MUST include a dried produce/herb item made by the 4-H'er. Ex. Granola bar made with dried fruits, dried cranberry cookies, Italian herb bread, lemon thyme cookies. Supporting information must include both the recipe for the dried produce/herb AND the baked food item.

### **UNIT 3 BOILING WATER CANNING MANUAL**

- E408001\* **1 Jar Fruit Exhibit** (SF150) - exhibit one jar of canned fruit. Entry must be processed in the boiling water bath according to current USDA recommendations.
- E408002\* **3 Jar Fruit Exhibit** (SF150) - exhibit 3 jars of different canned fruits. May be three different techniques for same type of product, ex. Applesauce, canned apples, apple pie filling, etc. Entry must be processed in a boiling water bath according to current USDA recommendations.
- E408003\* **1 Jar Tomato Exhibit** (SF150) - exhibit one jar of a canned tomato product. Entry must be processed in a boiling water bath according to current USDA recommendations.
- E408004\* **3 Jar Tomato Exhibit** (SF150) - exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a boiling water bath according to current USDA recommendations.
- E408005\* **1 Jar Pickled Exhibit** (SF150) - one jar of a pickled and/or fermented product. Entry must be processed in a boiling water bath according to current USDA recommendations.

- E408006\* **3 Jar Pickled Exhibit** (SF150) - exhibit 3 jars of different kinds of canned pickled and/or fermented products. Entry must be processed in a boiling water bath according to current USDA recommendations.
- E408007\* **1 Jar Jelled Exhibit** (SF153) - exhibit one jar of jam, jelly, fruit butter or marmalade. Entry must be processed in a boiling water bath according to current USDA recommendations.
- E408008\* **3 Jar Jelled Exhibit** (SF153) - exhibit 3 different kinds of jelled products. Entry may be made up of either pints or half pints. Entry must be processed in a boiling water bath according to current USDA recommendations.

#### **UNIT 4 PRESSURE CANNING**

- E414001\* **1 Jar Vegetable or Meat Exhibit** (SF150) - exhibit one jar of a canned vegetable or meat. Include only vegetables or meats canned in a pressure canner according to current USDA recommendations.
- E414002\* **3 Jar Vegetable Exhibit** (SF150) - exhibit 3 jars of different kinds of canned vegetables. Include only vegetables canned in a pressure canner according to current USDA recommendations.
- E414003\* **3 Jar Meat Exhibit** (SF150) - exhibit 3 jars of different kinds of canned meats. Include only meats canned in a pressure canner according to current USDA recommendations.
- E414004\* **Quick Dinner (SF151) - exhibit a minimum of 3 jars to a maximum of 5 jars plus** menu. The meal should include 3 canned foods that can be prepared within an hour. List the complete menu on a 3-inch x 5-inch file card and attach it to one of the jars. Entry must be processed according to current USDA recommendations.
- E414005\* **1 Jar Tomato Exhibit** (SF150) - exhibit one jar of a canned tomato product. Entry must be processed in a pressure canner according to current USDA recommendations.
- E414006\* **3 Jar Tomato Exhibit** (SF150) - exhibit 3 jars of different canned tomato products (salsa, sauces without meats, juice, stewed, etc.). Entry must be processed in a pressure canner according to current USDA recommendations.

\*State Fair Eligible

#### **Division E415, Other Foods Projects (County only Project)**

- E415099 Other Food Exhibit- Not eligible for State Fair or County Fair Division Awards. Must meet guidelines stated in Project manual.

#### **Division E420, Cake Decorating (County Only Project)**

Exhibitors in Unit 1 may decorate a Styrofoam shape (form), or a cake made by someone else. All others must bake the cake themselves. Put on disposable, covered cardboard. One entry per class in only one unit. Units are progressive and exhibitors may not go back to previous units. Cakes should be no larger than 16@ square. The following must be specified on a 3 x 5 card: occasion for cake; tips used; techniques used and number of years in cake decorating. Frozen cakes must be completely thawed at entry time. These cakes will be entered and judged with other food projects on entry day and are not eligible for the cake auction!

#### **UNIT 1**

- E420001 **One-layer** decorated cake using two decorating tips.
- E420002 **Novelty Cake** using character or shaped pan, two decorating tips.
- E420003 **Sample Cake Board** demonstrating at least 1 technique from 3 different categories.
- Category A: Basic Borders - dots, balls, stars, rosettes, shells or zigzag. Make 1 border 4" long.
- Category B: Message - printed, may use round or star tips. The message should read Happy Birthday.
- Category C: Drop Flower with center - star or swirled. Make 3 samples of 2 different kinds of flowers.
- Category D: Leaves. Makes 3 samples of the same leaf.

- E420004 **Cake Portfolio Book** - Include pictures of 5 cakes decorated by 4-Her. Each picture should have accompanying information including:
- a) occasion for cake,
  - b) type of frosting,
  - c) tips name and number used and
  - d) technique used.

## UNIT 2

- E420005 **Two-layer** decorated cake using unlimited tips.
- E420006 **Novelty Cake** using character or shaped pan, using 3 or more tips.
- E420007 **Two-layer** decorated cake using fondant frosting.
- E420008 **Sample Cake Board** demonstrating at least 3 techniques from 3 different categories
- Category A: Figure piping** - clowns, people, animals etc. Make 2 different figures.
- Category B: Flowers** made on a flat surface, not on a nail - sweet peas, rosebuds, half roses etc. Make 5 samples of 3 different kinds of flowers.
- Category C: Borders** - reverse shells, grass, ruffles, ribbons bows, puffs. Make 2 orders 6" long
- Category D: Side decorations** - dots or stars, scrolls, reverse shell, "c" scroll, fleur-de-lis. Make 2 side decorations 6" long.
- Category E: Message** - script (not printed) may use round or star tips. The message should be read "Best Wishes."
- E420009 **Cake Portfolio Book** – A continuation of the Unit 1 portfolio. Include an additional 5 photos (total 10 including Unit I pictures) of cakes created by 4-Her. A progression of skill and difficulty should be shown. Each picture should have accompanying information including a) occasion for cake, b) type of frosting, c) tips name and number used and d) technique used.

## UNIT 3

- E420010 **2 or 3 tiered**, stacked cake or combination tiered or stacked. Each tier or stack must be 2 layers. Plastic separators may be used.
- E420011 **One- or two-layer** cake decorated with flowers made on a flower nail.
- E420012 **Original shaped cakes** (ex. Butterfly) from a cut up cake baked in a round, square, heart, rectangle, or a combination to make a new shape. May decorate using unlimited tips.
- E420013 **Sample cake board** demonstrating at least 3 techniques from each category.
- Category A: Fancy borders** - ruffled garland and reverse shells, shell and flute, puff, and flower, zigzag, garland and string work or other border combinations. Make 2 borders 8" long.
- Category B: Nail flowers** - daffodils, violets, lily, bluebells, daisies, chrysanthemums, ruses, wildflowers, etc. Make 3 samples of 3 11 different kinds of flowers.
- Category C: Design techniques** - basket weave, string work, lattice work, cornelli and other laces, etc. Make 2 different design technique samples 3"x3".
- E420014 **Cake Portfolio Book** - A continuation of the Unit II portfolio. Include an additional 5 photos (total 15 including Unit I and II pictures) of cakes created by 4-Her. A progression of skill and difficulty should be shown. Each picture should have accompanying information including a) occasion for cake, b) type of frosting, c) tips name and number used and d) technique used.

## UNIT 4

- E420015 **Exhibit a cake using one of the following skills:** -figure piping -fondant/gum paste -cone figures - sugar molds -marzipan -filigree work.
- E420016 **Exhibit a cake using another skill** listed above.

- E420017 **Cake Portfolio Book** - A continuation of the Unit III portfolio. Include an additional 5 photos (total 20 including Unit I, II and III pictures) of cakes created by 4-Her. A progression of skill and difficulty should be shown. Each picture should have accompanying information including a) occasion for cake, b) type of frosting, c) tips name and number used and d) technique. Unit 5 CUPCAKE FUN Cupcakes may be in cupcake papers but not required. Include a card with the recipe for the cake and the frosting. Mixes are allowed but entries from scratch are preferred.
- E420018 **Frosted and Decorated Cupcakes** - Four on a plate. All decorations are to be edible.
- E420019 **Nutritious Cupcakes** - Four on a plate. Share in writing what was done to alter the recipe to make it healthier or why these cupcakes are considered a healthy/nutritious snack option.
- E420020 **Plate/Tray of Decorated Cupcakes** - Cupcakes that are decorated to create a centerpiece or create a theme-based cake. All decorations must be edible. Exhibit cannot exceed 16" x 16". Use your imagination!

## Food & Nutrition

Learn how to use MyPlate; Learn how to avoid spreading germs while cooking; Learn how to measure and mix ingredients; Learn how to test baked goods for doneness; Learn how to brown meat; Learn how to set the table for a family meal; Understand and prevent foodborne illnesses Learn how to thaw foods Learn proper knife tech recipes. Learn how to read Nutrition Fact labels Learn how to make soups, rice, pasta, and other foods; Practice making bread, grilling meats, vegetables, and fruit Learn how to and practice making butter Learn about yeast, gluten, and different types of fats; Learn about herbs and spices Learn how to make ethnic foods Practice making cakes, candy, pastries, and pies; Learn how to safely freeze foods and maintain quality Learn how to use frozen foods in healthy recipes; Learn how to safely dry foods and maintain quality Learn how to use dried foods in healthy recipes; Learn how to safely preserve fruits, tomatoes, fruit spreads, and pickles Learn how to use home-canned foods in healthy recipes; Learn how to safely preserve tomatoes, vegetables, and meats Learn how to use home-canned foods in healthy recipes

URL: [https://4hcurriculum.unl.edu/index.php/main/program\\_project/194](https://4hcurriculum.unl.edu/index.php/main/program_project/194)







## 4-H Food Preservation Card

(Please attach this card to each item preserved.)

Name: \_\_\_\_\_ County: \_\_\_\_\_

Name of Product: \_\_\_\_\_ Date Preserved: \_\_\_\_\_

### PROCESSING METHOD (CHECK ONE):

Boiling Water Canner, indicate type of pack (check one): raw pack OR hot pack

Processing time: \_\_\_\_\_ Altitude: \_\_\_\_\_

Pressure Canner, indicate type of gauge (check one): weighted gauge OR dial gauge

Product was canned at \_\_\_\_\_ pounds pressure at \_\_\_\_\_ altitude.

Processing time: \_\_\_\_\_ packed hot OR packed cold

Dehydration (check one): dehydrator OR other, please specify (ie: oven, solar, etc.): \_\_\_\_\_

Approximate drying time: \_\_\_\_\_

### INCLUDE INSTRUCTIONS/RECIPE:

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H'ers must use approved USDA recipes/instructions. Include pre-treatment for dried products.



## 4-H Food Preservation Card

(Please attach this card to each item preserved.)

Name: \_\_\_\_\_ County: \_\_\_\_\_

Name of Product: \_\_\_\_\_ Date Preserved: \_\_\_\_\_

### PROCESSING METHOD (CHECK ONE):

Boiling Water Canner, indicate type of pack (check one): raw pack OR hot pack

Processing time: \_\_\_\_\_ Altitude: \_\_\_\_\_

Pressure Canner, indicate type of gauge (check one): weighted gauge OR dial gauge

Product was canned at \_\_\_\_\_ pounds pressure at \_\_\_\_\_ altitude.

Processing time: \_\_\_\_\_ packed hot OR packed cold

Dehydration (check one): dehydrator OR other, please specify (ie: oven, solar, etc.): \_\_\_\_\_

Approximate drying time: \_\_\_\_\_

### INCLUDE INSTRUCTIONS/RECIPE:

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H'ers must use approved USDA recipes/instructions. Include pre-treatment for dried products.



## 4-H Food Preservation Card

(Please attach this card to each item preserved.)

Name: \_\_\_\_\_ County: \_\_\_\_\_

Name of Product: \_\_\_\_\_ Date Preserved: \_\_\_\_\_

### PROCESSING METHOD (CHECK ONE):

Boiling Water Canner, indicate type of pack (check one):    raw pack OR    hot pack

Processing time: \_\_\_\_\_    Altitude: \_\_\_\_\_

Pressure Canner, indicate type of gauge (check one):    weighted gauge OR    dial gauge

Product was canned at \_\_\_\_\_ pounds pressure at \_\_\_\_\_ altitude.

Processing time: \_\_\_\_\_    packed hot OR    packed cold

Dehydration (check one):    dehydrator OR    other, please specify (ie: oven, solar, etc.): \_\_\_\_\_

Approximate drying time: \_\_\_\_\_

### INCLUDE INSTRUCTIONS/RECIPE:

Include instructions/recipe for product on back of this card. 4-H'ers must include the source of the recipe/instructions. 4-H'ers must use approved USDA recipes/instructions. Include pre-treatment for dried products.